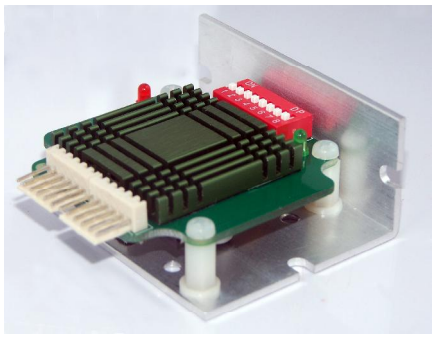
CR-1A32驱动器说明书

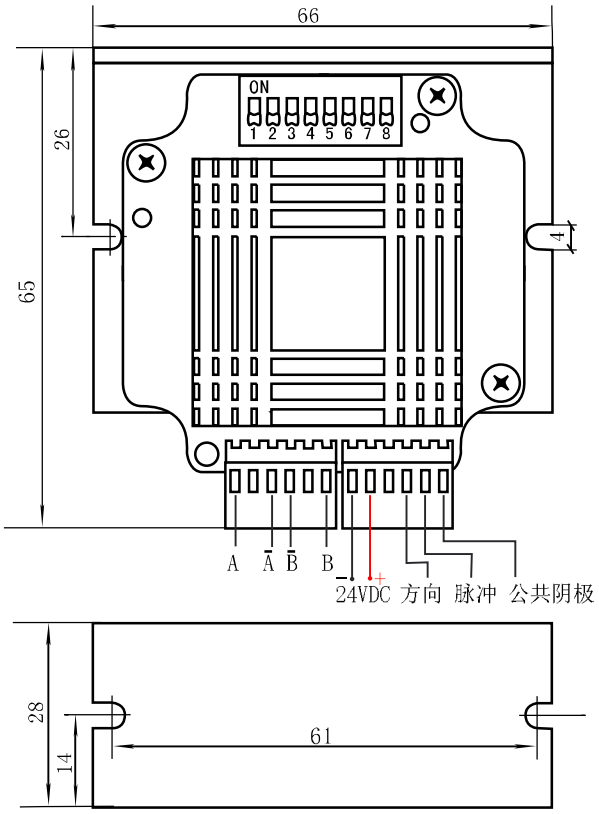
CR-1A32为等角度恒力矩细分型驱动器，驱动电压DC6-30V，适配电流1A以下、外径42mm-57mm的各种型号的二相混合式步进电机。该产品广泛应用于工业自动化仪器及设备、激光雕刻机，光学平移台等分辨率较高的数控设备上。

1、特点

- 超静低噪音、平稳性好
- 设有6档等角度恒力矩细分，最高32细分
- 采用独特的控制电路
- 最高反应频率可达200Kpps
- 步进脉冲停止超过100ms时，线圈电流自动减半
- 双极恒流斩波方式
- 光电隔离信号输入/输出
- 驱动器电流从0.2A/相到1A/相
- 单电源输入，电压范围：DC6-30V
- 过热保护及电机线圈开路检测

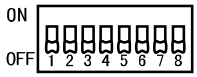


2、外形安装尺寸



3、电流设定表

拨码开关



电流	M1	M2	M3	M4	M5
0.1A	OFF	OFF	OFF	OFF	OFF
0.2A	ON	OFF	OFF	OFF	OFF
0.3A	OFF	ON	OFF	OFF	OFF
0.35A	ON	ON	OFF	OFF	OFF
0.4A	OFF	OFF	ON	OFF	OFF
0.45A	ON	OFF	ON	OFF	OFF
0.5A	OFF	ON	ON	OFF	OFF
0.55A	ON	ON	ON	OFF	OFF
0.6A	OFF	OFF	OFF	ON	OFF
0.7A	ON	OFF	OFF	ON	OFF
0.75A	OFF	ON	OFF	ON	OFF
0.85A	ON	ON	OFF	ON	OFF
0.9A	OFF	OFF	ON	ON	OFF
1.0A	ON	OFF	ON	ON	OFF

4、细分设定表

细分	M6	M7	M8
整步	OFF	ON	ON
1/2	OFF	OFF	ON
1/4	ON	ON	OFF
1/8	OFF	ON	OFF
1/16	ON	OFF	OFF
1/32	OFF	OFF	OFF